Contract No. OPSC-SRB-20237-2
Date: 17.07.2023.
VPD "Smederevo" d.o.o.

ВПД „СМЕДЕРЕВО" ДОО
Број 2/124
Датум 20.07.2023
СМЕДЕРЕВО, Бранка Радичевића

APPENDIX 1

Agreement for Buildings for Communications, Information, Signal Engineering Equipment Along Novi Sad - Subotica - State Border (Kelebija) Architecture

VRBAS NOVA

site

CRSC INTERNATIONAL CO., LTD. OGRANAK BEOGRAD
AND
VPD „SMEDEREVO" DOO, SMEDEREVO

ВЕРНА ОРИГ.

Engineering Estimates and Estimates with PZI - Construction Project of SS and TK Buildings of Vrbas Nova Railway Station

Belgrade Railway - Subotica - State Border (Crebia) Novo Sad Railway - Subotica - State Border (Krebia)

No.	Description of work	Eat. measure	quantity	Unit price (DIN)	Price (din)
			A	B	AxB
01.00.	**Ground work**				
01.01.	Before starting construction, clean up the site, remove shrubs and weeds, and excavate the surface humus, with an average thickness of 30 cm.				
	Calculated per cubic meter, including removal of soil to municipal landfill, vehicle handling and rough planning of landfill soil.				
	=0.2*14.2*30.7	cubic meter	87.19	880	76,725.44
					-
01.02.	soil (humus and dust) in large area excavations for foundations of buildings (foundation strips, foundation beams and foundation slabs) and disposal of soil in temporary building site dumps for later filling .				-
	Calculation per cubic meter				-
					-
	6*5+5.8*5+4.5*5+ 3.75*10+3.25*10+2.8*10)+0.39*20.65 *10.6+0.4*0.8*(20.65*4+3.15*6+2.65*6+ 2.2*6)	cubic meter	411.38	440	181,005.48
					-
01.03.	Excavated soil backfill (backfill				-
	steep slope), 20 cm per layer, with				-
	compression				-
	18000kN/m³, final wet, if				-
	calculate				-
	Backfill is given as the soil is conveyed				-
	Construction site dump.				-
	Calculation per cubic meter				-
	6*5+5.8*5+4.5*5+3.75*10+3.25*10+2.8* 10)	cubic meter	250.09	350	87,532.55
					-
01.04.	Remove excess excavation earthwork				-
	Urban landfill.				-
	unloaded and				-
	Land planning through landfill.				-
	=411.38-250.09	cubic meter	161.29	450	72,580.50

					-
01.05.	Procurement, filling, dissemination and				-
	buffer, u				-
	The thickness of the design.				-
	The gravel must be perfectly clean,				-
	Free of organic impurities. gravel				-
	Compact to desired compaction.				-
	Calculated per cubic meter.				-
					-
	Gravel d=15cm under sidewalk slabs, ramp slabs and stair slabs				-
	=0.15*0.8*(28.66*2+11.16*2)	cubic meter	9.56	2450	23,414.16
					-
	Gravel d=15cm under sidewalk slabs, ramp slabs and stair slabs				-
	=0.5*0.8*1.8	cubic meter	0.72	2450	1,764.00
					-
Total earthworks:					-
					-
02.00.	**Concrete and Reinforced Concrete Works**				-
02.01.	pouring of non-reinforced concrete MB 20 (S16/20), poured in layers of thickness d=10 cm, as the foundation of the foundation.				-
	Calculated per square meter.				-
					-
	=0.8*(26.5*2+4.1+5.0+5.2+4.1+9.6*6)	square meter	103.20	2900	299,280.00
					-
02.02.	Procurement of materials and pouring of concrete MB20 (S16/20), poured in layers of thickness d=10 cm, as a basis for the ground waterproofing.				-
	The upper surface is finely sanded and prepared for waterproofing.				-
	Calculated per square meter.				-
					-
	Floor Waterproofing Foundation				-
	=4.7*(3.75+6.25*2)+5.6*(7.2+2.8)+5.8*1 0.2+4.5*(3.75+6, 25)+1.4*3.2+2.1*1.0	square meter	243.12	2900	705,033.50
					-
	Diesel generator base plate				-
	=2.2*3.3	square meter	7.26	2900	21,054.00
					-

02.03.	Procurement of materials and pouring of concrete MB20 (S16/20), poured in layers with a thickness of d=5 cm, as protection for the waterproofing of the				-
	Calculated per square meter.				-
	0.2+4.5*(3.75+6, 25)+1.4*3.2+2.1*1.0+1.14*1.14	square meter	244.41	1957	478,319.37
					-
02.04.	pouring of slab slab, reinforced concrete MB 30 (S25/30), thickness according to project.				-
	All work is handled according to static calculations and reinforcement details.				-
	Calculation per square meter				-
	plate on the ground, thickness d=15 cm,				-
	=4.7*(3.75+6.25*2)+5.6*(7.2+2.8)+5.8*10.2+4.5*(3.75+6, 25)+1.4*3.2+2.1*1.0	square meter	243.12	4250	1,033,238.75
					-
02.05.	Procurement of materials and pouring of concrete, reinforcement of foundation strips, waterproof concrete MB 30				-
	For hydraulic concrete with waterproof mark V-8, the contractor is obliged to attach a concrete waterproof certificate to it.				-
	Do things quietly				-
	Calculation and reinforcement details.				-
	formwork.				-
	)	cubic meter	30.96	20500	634,680.00
					-
02.06.	concrete				-
	Strengthen the foundation wall				-
	Waterproof concrete MB 30				-
	(S25/30), electroplating.				-
	For hydraulic concrete with waterproof mark V-8, the contractor is obliged to attach a concrete waterproof certificate to it.				-
	openings.				-
	Calculate and work according to static				-
	reinforcement details				-
	Calculation per cubic meter				-
					-
	Concrete wall d=20cm				-
	=1.12*0.2*(26.5*2+10.2*2)+1.82*0.2*(10.2*2+5.8)+1.32*0.2*(10.2*2+4.7*2+5.6)-0.6*1.05*0.2*3	cubic meter	34.95	28500	995,961.00

					-
02.07.	concrete				-
	beam and horizontal cerclage,				-
	reinforced waterproof concrete				-
	MB 30 (S25/30), galvanized.				-
	For hydraulic concrete with waterproof mark V-8, the contractor is obliged to attach a concrete waterproof certificate to it.				-
	All work is done according to reinforcement details and static calculations, leaving all necessary				-
	Calculated per cubic meter with necessary formwork and supports.				-
					-
	Beam of object at -0.30 elevation angle				-
	=0.84*0.2*(26.5*2+10.2*2)	cubic meter	12.33	28500	351,439.20
					-
02.08.	concrete				-
	beam and horizontal cerclage,				-
	Reinforced concrete MB 30 (S25/30), u				-
	static				-
	Calculation and reinforcement details.				-
	Calculated per cubic meter with necessary formwork and supports.				-
					-
.02.08.01.	beam and horizontal cerclage,				-
	Altitude +3.70				-
	=0.8*0.2*(26.5+10.6)*2+0.35*0.2*(26.5*2 +3.75*4+3.25*4+2, 8*4)	cubic meter	18.33	28500	522,291.00
					-
.02.08.02.	Roof garland, section 12/65 cm				-
	Altitude +4.00				-
	=0.65*0.12*(27.74+11.84)*2	cubic meter	6.17	27800	171,650.54
					-
.02.08.02.	Beams of Perimeter Garland				-
	Altitude +4.00				-
	=0.25*0.2*0.5*16	cubic meter	0.40	29930	11,972.00
					-
.02.08.04.	Lintels and window beams				-
	*2)	cubic meter	1.84	27800	51,263.20
					-
.02.08.05.	Horizontal cerclage on the inner wall of a guitar block				-
	=0.2*0.2*(3.75*4+3.25*3+2.8*3+4.7*3+5. 6+4.5)	cubic meter	2.29	27800	63,773.20
					-

.02.08.06.	Stair beam with an elevation of -1.15				-
	=0.53*0.15*(7.64+10.28+5.42+0.9*6)	cubic meter	2.28	27800	63,518.27
					-
02.09.	beams				
	openings,				
	Reinforced concrete MB 30 (S25/30).				
	Do things quietly				
	Calculation and reinforcement details.				
	sides				
	pay.				
	meter				
	Formwork and steel brackets.				
	Facade wall - Facade silicate brick				
	3.0)	cubic meter	0.77	29930	22,937.15
					-
02.10.	concrete				-
	column and vertical cerclage,				-
	Reinforced concrete MB 30 (S25/30), u				-
	static				-
	Calculation and reinforcement details.				-
	formwork.				-
					-
	=0.2*0.3*3.8*16+0.2*0.2*3.8*8	cubic meter	4.86	27800	135,219.20
					-
02.11.	Procurement of materials for sandwich panels and pouring of concrete, thickness according to the project, reinforced ~~concrete MB 30 (C25/30)~~				-
	All anchor points and openings are preserved and all settings are made according to static calculations and reinforcement details				-
	Calculated per square meter including all necessary formwork and steel supports.				-
					-
	dp=16 cm				-
	=4.7*(3.75+6.25)*2+5.6*(7.2+2.8)+5.8*10.2+4.5*10.2-0.7*0.7	square meter	254.57	5900	1,501,963.00
					-
02.12.	concrete				
	reinforced concrete channel, concrete				
	S25/30. River slab thickness				
	dp=12 and 15 cm. channel walls are				
	Thickness dz=12, 15 and 20 cm.				
	work according to technology				
	Description and graphic documentation.				
	required formwork				
	and support.				

.02.12.01.	Channels for tk and ss rooms				
	Channel plate dp=15 cm				
	=0.90*7.05	square meter	6.35	5900	37,435.50
					-
	The board on the ground dp=15 cm				-
	=0.90*(3.45*9.05)	square meter	28.10	5900	165,791.48
					-
	channel wall dz=15 cm				-
	=1.05*(3.45*2÷0.9*2+9.05*2)	square meter	28.14	5900	166,026.00
					-
.02.12.02.	channels in the hyperbaric chamber				-
	The board on the ground dp=12 cm				-
	=0.54*(2.67*2+2.39)	square meter	4.17	5700	23,792.94
					-
	channel wall dz=12 cm				-
	=0.5*(2.8*4÷1.3÷0.54*3+2.39)÷0.6*(0.54 *2÷1.02*2+0.7*2)	square meter	10.97	5900	64,705.30
					-
.02.12.03.	Transformer Room Passage				-
	The board on the ground dp=12 cm				
	=0.54*(2.67+2.39)	square meter	2.73	5700	15,574.68
					-
	channel wall dz=12 cm				-
	=0.5*(2.8+2.39+3.22+1.74+0.54)	square meter	5.35	5700	30,466.50
					-
.02.12.04.	The power channel is in the room. Install				-
	The board on the ground dp=15 cm				-
	=1.6*(1.18+3.67)	square meter	2.73	5700	15,574.68
					-
	channel wall dz=20 cm				-
	=0.2*(1.16*1.18+0.56*3.52+0.61*1.4)	rice³	0.84	25100	21,053.88
					-
.02.12.05.	Multifunctional access in the room				-
	The board on the ground dp=15 cm				
	=0.65*(4.7+3.2)+0.54*3.2+0.43*1.98	square meter	7.71	5700	43,972.08
					-
	channel wall dz=12 cm				-
	=0.55*(0.64+0.54+3.19*3+0.42+3.75+1. 3+0.64+2.28+4.7)+0.96*1 ,2*4	square meter	17.72	5900	104,548.00
					-
.02.12.05.	Multifunctional transformer in the room				-
	The board on the ground dp=20 cm				
	=0.2*1.32*2.3	rice³	0.61	5700	3,461.04
					-
	Channel wall dz=16 to 26 cm				-
	=0.5*(0.16+0.26)/2*(1.32*2+2.3*2)	rice³	0.76	5700	4,333.14
					-
.02.12.06.	Outer shaft				
	The board on the ground dp=15 cm				
	=1.0*1.0	square meter	1.00	5700	5,700.00
					-
	Shaft wall dz=15 cm				-
	=0.8*(1.0*2+0.7*2)	square meter	2.72	5700	15,504.00

					-
02.13.	Material procurement and concreting of the stairs, while externally constructing the steps in reinforced concrete MB 30 (S25/30). All work is handled according to static calculations and reinforcement				-
	Calculated per cubic meter with required				-
	Inclined stair boards d=15 cm with steps of 15/33 cm				-
	=0.51*(5.42+7.65+10.28+2.1)	square meter	12.98	5700	73,983.15
					-
	set, plate d=15 cm				-
	=0.35*(4.82+7.05+9.68+1.5)	square meter	8.07	5700	45,984.75
					-
02.14.	concrete				-
	reinforced concrete foundationdiesel				-
	Aggregate 40 cm thick, S25/30, over				-
	No reinforced concrete layer. (in				-
	calculate)				-
	basis				-
	graphic documentation.				-
	Do things quietly				-
	Calculation and reinforcement details.				-
	necessary formwork.				-
					-
	=0.4*2.2*3.3	cubic meter	2.90	23800	69,115.20
					-
2.15.	Material procurement and concrete pouring of sidewalks, thickness d=10 cm, (on gravel buffer - calculated separately), concrete MB 30 (C25/30).				-
	Place reinforcement mesh Q 131 in the middle of the layer.				-
	of the building.				-
	necessary formwork and reinforcement mesh.				-
					-
	=0.8*(38.66+11.16)*2	square meter	79.71	2900	231,164.80
					-
Total Concrete and Reinforced Concrete Works:					-
					-

03.00.	Reinforcement works				-
03.01.	Supply, cleaning, cutting, bending, assembly and installation of rebar (B500 and MAG).				-
	The reinforcement amount is given according to the reinforcement details.				-
	distance between the reinforcement and formwork.				-
	Calculated per kilogram.	Kilogram	19,654.14	235	4,618,722.90
					-
					-
General reinforcement works:					-
					-
04.00	Masonry				-
04.01.	25/19/19 cm giter blocks are used for wall material procurement and masonry, the minimum specific gravity is ≥1200kg/m³, and the expansion mortar ratio is 1:2:6. Wall thickness dz=19 cm.				-
	Calculated per cubic meter.				-
	=0.19*2.8*(4.7+5.6+5.8+5.4+4.7+3.6+3.15+2.65)*2+0.19*3.39*(2.7+3.25+6.65*3+5.8+4.7)-0.19*(1.68*0.6*3+1.68*2.3*6+2.09*0.6*6+0.6*0.6*3+0.4*0.8*2+1.6*2.3+0.6*0.4*2+0.23*0.4)	cubic meter	53.78	20500	1,102,487.54
					-
04.02.	construction of walls with a thickness of dz=12 cm, from solid bricks, construction with expansion mortar 1:2:6, simultaneous production of horizontal and vertical reinforced concrete cerclage, concrete MB 20, cerclage size 12/20 cm , bars ± 2 ø 10 mm, stirrups ø 8/25.				-
	includes the production of reinforced concrete cerclage, reinforcement and				-
	=3.39*(3.75+3.85+3.25+5.6+2.7)-0.6*0.4	square meter	64.68	4700	303,988.95
					-
04.03.	Material and Wall Purchasing				-
	Buried walls as vertical protection				-
	Waterproof, full brick dz=7 cm in				-
	1:3 ratio with cement mortar.				-
	Calculated per square meter.				-
	for objects				-
	=0.85*(3.45+5.68+1.02*2)+0.4*(3.2*3+2.2+1.4+2.11)+1.0*(1.0*2+1.14*2)	square meter	19.90	3000	59,695.50
					-

04.04.	Procurement of materials and production of 1:3 cement mortar as floor substrate. The lining is reinforced with Q 84 mesh and must be placed in the middle of the layers.				-
	Sand the screed smooth and prepare the floor. For waterproof floors, pour the mortar in the fall.				-
	Calculated per square meter.				-
	d=4cm, floor mark PT2,				-
	=21.71÷37.71÷2.35÷111.38÷2.25÷17.62	square meter	193.02	1750	337,785.00
					-
	d=5.6cm, subscript PT3,	square meter	39.03	2000	78,060.00
04.05	production				-
	1:3 scale liner, cast in				-
	Finishing layer. The liner is strengthened				-
	Web Q 84, which is mandatory				-
	superior				-
	The surface is polished to a black gloss.				-
	Calculated per square meter.				-
					-
	PT-1,				-
	=8.18+9.0	square meter	17.18	2340	40,201.20
					-
04.06	Procurement of materials and plastering				-
	Two-story wall with extension plaster				-
	coating,				-
	The second layer is finely smoothed.				-
	Prepainted Concrete Parts				-
	cement milk.				-
	auxiliary scaffolding.				-
	plastering the walls				-
	=4.04*(12.3+11.86+23.65)+3.63*(19.1+25.6+6.22+51.55+19.9)-(1.68*2.9*3+1.68*2.3*3+1.6*2.3*2-3.0*8)	square meter	627.79		-
					-
	ceiling plastering		255.81		-
					-
	Overall ranking 04.09.	square meter	883.60	2000	1,767,195.00
					-

04.7.	Procurement of materials, transport and plastering Insulation, interior walls of Q-grid and Rabi grid in two layers of tensile plaster with a ratio of 1:3:9.				-
	(Q mesh and rabic knit are calculated according to heat preservation).				-
	The first layer uses coarse sand aggregate with a thickness of d=1.5cm, and the second layer uses sieved sand aggregate with a thickness of d=0.5cm.				-
	Before plastering, surface dust shall be removed, grout shall be washed and sprayed and gravel shall be screened.				-
	Calculation of plastered surface per square meter including all necessary preparations, materials, scaffolding.				-
					-
	=3.63*(3.65+3.25+5.6+2.8+1.5)	square meter	60.98	2000	121,968.00
					-
General Masonry Works:					-
05:00.	**Carpentry**				-
05.01.	Procurement of materials and construction of a wooden roof structure, hipped roof with a slope of 15°, made of dried real fir wood.				-
	according to static calculations in all aspects, starting with the following elements: real chairs, columns supporting cornices and rafters, and purlins.				-
	connections to roof elements and reinforcements made of flat irons, anchors, screws, clips, etc.				-
	Protect wooden components from moisture and insects.				-
	horizontal projection of the installed and protected roof structure.	square meter	297.42	5000	1,487,100.00
					-
05.02.	Material procurement and plank production				-
	Roof Formwork, Plank Thickness				-
	d=24 mm, dry, true and high quality				-
	Fir planks, placed on				-
	touch.				-
	place a layer on the board				-
	blocks of asphalt, covered				-
	10 cm.				-
	Protect wooden elements from				-
	Insects and rot.				-
	Calculated per square meter of actual area, use asphalt for plastering.	square meter	308.73	1580	487,793.40
					-
					-

Total Carpentry Works:					-
					-
06.00.	**Insulation project**				-
06.01.	Material procurement and production				-
	horizontal flashing				-
	It's on the ground.				-
	Production of two-component, fibre-reinforced, plastic-modified bitumen waterproofing, elastic and pressure-resistant materials "Deuxan 2C-Koster" or similar products.				-
	The basis is asphalt rubber with powder				-
	composition; - specific gravity				-
	1.07 g/m²; - heat resistance 70°S;				-
	- Elastic until breaking 100%;				-
	- durability up to 5 bar; - temperature				-
	Substrate 5-30°S.				-
	layers,				-
	Total thickness up to 7 mm with glass				-
	quarantine itself				-
	Execute on existing arm.bet. plate				-
	Cleaned up before				-
	Mechanical and other impurities, with				-
	By pre-applying the primer,				-
	insulation,				-
	as an isolation layer.				-
	the wall by 13-16 cm, on locked brackets, as an integral part of the location, according to the manufacturer's specifications.				-
	Do a good job in all aspects of insulation				-
	instructions.				-
	All aspects must be waterproof				-
	manufacturer's specifications, for which				-
	must submit the certificate and				-
	Guaranteed for at least 10 years.				-
	Waterproof calculation per square meter				-
	with the submitted certificate.				-
					-
	Board level waterproofing				-
	=25.6*10.6-(0.91*3.0*2+0.55*(0.64+0.54+3.19*3+0.42+3.75+1.3+0.64+2.28+4.7)+0.96*1.2*4+1.32*2.3)+(0.1+ 0.25)*(25.6+10, 6)*2		270.48	1700	459,822.80
					-
	Channel level waterproofing				-
	=0.91*3.4*2+1.3*2.3+0.65*(4.7+3.2)+0.54*3.2+0.43*1.98+1 ,05*1,0*4		21.09	1700	35,857.08
					-
	Vertical waterproofing of the wall				-
	=1.24*(0.91*2*3.4*4)		30.69	1900	58,315.71

					-
	Vertical waterproofing of channels and transformers				-
	5.6*6+5.8*6+4.5*6) +0.76*(0.64+0.54+3.19*3+0.42+3.75+ 1.3+0.64+2.28+4.7)+0.96*1 .2*4+0.76*(1.32*2+2.3*2)		338.36	1800	609,053.04
					-
	Overall ranking 06.01.	square meter	660.63		-
					-
06.02.	Material procurement and production				-
	Insulation of ground floors.				-
	Insulated Extrusion				-
	polystyrene thicknessd=5 cm.				-
	Built-in insulation must have				-
	thermal and mechanical properties,				-
	required by construction				-
	physics.				-
	Calculated per square meter.				-
	Floor marked PT1, PT2, PT3 extruded polystyrene d=5 cm				-
	=8.18+9.0+6.75+22.8+15.68+37.76+2.2 2+135.19+2.15+17.62	square meter	257.35	950	244,482.50
					-
06.03.	Material procurement and production				-
	insulation between floors				-
	Construction of loft space.				-
	PTP,				-
	with				-
	thick breathable foil				-
	d=0.02 cm				-
	board.				-
	Built-in insulation must have				-
	thermal and mechanical properties,				-
	required by construction				-
	physics.				-
	square meter.	meter	297.42	2740	814,930.80
					-
06.04.	Procurement of materials, transport and production of thermal insulation for interior walls of stone wool boards.				-
	Insulation is made of asbestos and is installed in the substructure area.				-
	The built-in thermal insulation material must have the thermal and mechanical properties specified in the building physics research, specific gravity ρ=90kg/m³, thermal conductivity				-
	square meter.				-
					-
	Stone wool d=8 cm				-
	Wall NW 1, NW 2,				-
	=3.63*(3.75+3.25+2.8+1.5)	square meter	41.02	2460	100,906.74

					-
06.06	Material procurement and production				-
	Thermal insulation of facade walls.				-
	Insulation material is mineral wool				-
	PTP, density 100 kg/m³, thickness				-
	d=10 cm, mounted on the wall				-
	sandwich, polyethylene foil				-
	parallel				-
	with masonry.				-
	Built-in thermal insulation sea				-
	thermal and mechanical				-
	requirements				-
	building physics.				-
	Calculated per square meter.				-
					-
	=3.87*(26.7+10.75)*2-(1.6*2.3*6+1.6*0.6*3+2.0*0.6*8+0,6*0.6*2+1.0*2.3*2+0.9*2.3+2.65* 2.1*2)	square meter	236.78	2680	634,578.44
					-
06.07.	Sourcing materials in-house and producing vertical and horizontal waterproofing.				-
	Vertical and horizontal waterproof protection of the protective shaft of the ventral shaft structure, in the form of a Sikalastik coating or similar. Protect the				-
	Work in all respects according to manufacturer's specifications.				-
	per square meter.				-
					-
	=0.6*0.6+0.8*0.6*4	square meter	2.28	4200	9,576.00
					-
06.08.	Procurement of materials and installation of insulation for buried walls and plinths.				-
	The insulation material is extruded polystyrene with a thickness of d=12cm.				-
	XPS extruded polystyrene has a density of 33 kg/m³, a thermal conductivity of 0.038 W/mK, and a thickness calculated from energy efficiency studies.				-
	Calculated per square meter.				-
					-
	Buried walls and plinths.				-
	=1.96*(22.08+11.08)*2	square meter	129.99	2560	332,767.23
					-
	buried channel wall				-
	=0.96*(0.91*2*3.4*4+0.9+2.64*2)+0.99*(1.03+1.2*4)+0.51*(3.52+2.65*6+1.62+1.3+0.54*6+1.0*2.6* 2)	square meter	51.16	2560	130,980.40
					-

Total insulation works:					-
07.00.	**Aluminum and Locksmith Works**				-
	notes:				-
	adopted, with hot filling and cold bridge interruptions, all according to schemes, details and workshop drawings. According to the size of the sash, determine the number and bearing capacity of the hinges, and for doors, at least 3 for each sash height.				-
	All locksmith work is carried out according to schemes, details and individual descriptions from certified workshop drawings. The workshop documents are completed by the contractor based on its technical solutions, and the approval of the production elements is the workshop				-
	method is shown in the figure. The contractor is obliged to submit the workshop drawings and samples to the author for approval. All accompanying fittings and sealing materials are expected, as well as interior and exterior wall coverings. For all locations, precise installation details are created according to the given scheme and building				-
					-
07.01.	Procurement and installation of double-leaf solid doors for facades.				-
	The doors are made of aluminum profiles with thermal insulation, type ALUMIL or similar. The overlay is NOIR 2100 Sablé, shade YW359F. The door is filled with insulating material. The total heat transfer coefficient over the entire location must be less than U=1.6 W/m²K.				-
	Doors are mounted using steel and aluminum brackets. All steel components must be hot-dip galvanized with a corrosion protection class of C3.				-
	Assembly must be carried out according to the "RAL" assembly system and the mandatory use of "VKP triotraka" tape of the manufacturer "WURTH" or similar.				-
					-
	Steel and all other elements used to secure the position, covering elements and thermal and waterproof protection materials around openings are integral to the position.				-

	made of box profiles of 20/20mm is inserted in a grid of 14/14cm for protection against theft. The doors are equipped with security locks with multi-point locking.				-

	Accessories are systemic, STUBLINA, FAPIM or similar.				-
	according to the workshop details prepared by the Contractor according to the dimensions of the site location. Details and handrail types must be approved by the responsible designer and regulatory body. Follow all recommendations of the profile manufacturer when creating and assembling the position. The contractor is obliged to submit proof documents				-
	Embedding and final machining position calculation for each piece.				-
					-
	Mark 1 in the square				-
	Double door				-
	Masonry measures 168/230 cm	com	3.00	136000	408,000.00
					-
07.02.	Procurement and installation of facade double doors with shutters.				-
	The doors are made of aluminum profiles without thermal insulation, type ALUMIL or similar. The overlay is NOIR 2100 Sablé, shade YW359F. Doors are mounted using steel and aluminum brackets. All steel components must be hot-dip galvanized with a corrosion protection class of C3.				-
	Assembly must be carried out according to the "RAL" assembly system and the mandatory use of "VKP triotraka" tape of the manufacturer "WURTH" or similar.				-
					-
	Steel and all other elements used to secure the position, covering elements and thermal and waterproof protection materials around openings are integral to the position.				-
	made of box profiles of 20/20mm is inserted in a grid of 14/14cm for protection against theft. In the parapet section, the filling of the wings is louvers made of aluminum profiles, fixed slats arranged horizontally and insect-proof nets made of stainless steel with a mesh of 1mm, which makes the whole system provide 60% permeability.				-
	The doors are equipped with security locks with multi-point locking. Accessories are systemic, STUBLINA, FAPIM or similar.				-

	according to the workshop details prepared by the Contractor according to the dimensions of the site location. Details and handrail types must be approved by the responsible designer and regulatory body. Follow all recommendations of the profile manufacturer when creating and assembling the position. The contractor is obliged to submit proof documents				-
	Embedding and final machining position calculation for each piece.				-
					-
	mark 2 in the square				-
	Facade double doors with shutters				-
	Masonry measures 168/230 cm	com	3.00	113000	339,000.00
					-
07.03.	Procurement and installation of facade windows made of aluminum profiles.				-
	The windows are made of aluminum profiles with thermal insulation, model ALUMIL or similar. The overlay is NOIR 2100 Sablé, shade YW359F. The installation of the windows is done using steel and aluminum brackets. All steel components must be hot-dip galvanized with a corrosion protection class of C3.				-
					-
	to the "RAL" assembly system and the mandatory use of "VKP triotraka" tape of the manufacturer "WURTH" or similar. Steel and all other elements used to secure the position, covering elements and thermal and waterproof protection materials around openings are integral to the position.				-
	insulating clear glass. Glass package configuration: 4+16+4mm filled with argon. The overall heat transfer coefficient over the entire location must be less than U=1.5 W/m²K. Open according to the scheme, providing a mechanism for opening the windows from the level of the finished floor. The hardware is the system, of type STUBLINA, FAPIM or similar, of shape				-
	The trapdoor is made of aluminum extruded plasticized profiles with a width of 25 cm, with PVC panels inside.				-
	Installation must be carried out according to the workshop details prepared by the Contractor according to the dimensions of the site location.				-

	Details must be approved by the responsible designer and regulator. Follow all recommendations of the profile manufacturer when creating and assembling the position. The contractor is obliged to submit proof documents according to the EN standard.				-
	Embedding and final machining position calculation for each piece.				-
					-
	mark 3 in the square				-
	double hung windows				-
	Masonry size 168/60 cm	com	3.00	29350	88,050.00
					-
	Mark 4 in the square				-
	double hung windows				-
	Masonry size 209/60 cm	com	7.00	37000	259,000.00
					-
7.04	Procurement and installation of interior bulkheads with double doors - windshield. The windshield consists of double glazed doors with full guardrail sections and fixed full partitions.				-
	The doors are made of aluminum profiles, model ALUMIL or similar. Laminate color is NOIR 2100 Sablé, YW359F. Mounting is done using steel and aluminum brackets.				-
	to the "RAL" assembly system and the mandatory use of "VKP triotraka" tape of the manufacturer "WURTH" or similar. Steel and all other elements used to secure the position, covering elements and thermal and waterproof protection materials around openings are integral to the position.				-
	Below the double floor, the windshield rests on the floor above the ground through a supporting frame structure.				-
	insulating clear glass. Glass package configuration: 4+16+4mm filled with argon. The parapet filling and fixed partitions are "sandwich panels" (aluminum panel + rock wool + aluminum panel, with a total thickness of				-
	The total heat transfer coefficient over the entire location must be less than U=1.6 W/m²K.				-

	with three keys and bumpers for the doors. Fittings are systematic, STUBLINA, FAPIM type or suitable, shapes and colors chosen by the designer.				-
	Installation must be carried out according to the workshop details prepared by the Contractor according to the dimensions of the site location.				-
	Details must be approved by the responsible designer and regulator.				-
					-
	Follow all recommendations of the profile manufacturer when creating and assembling the position. The contractor is obliged to follow the ENStandard submission of supporting documents.				-
	Embedding and final machining position calculation for each piece.				-
					-
	mark in a square 5				-
	double door windshield				-
	masonry ruler 189/230+50+138/230+50+189/138cm	com	2.00	34800	69,600.00
					-
07.06.	shutters				-
	Fixed shutters made of aluminum profiles without thermal insulation, type ALUMILor similar product with non-removable slats arranged horizontally to provide 60%penetration rate. lamination is in tone NOIR 2100 Sablé, YW359F				-
	using steel and aluminum brackets. All steel elements must be hot-dip galvanized with a corrosion protection rating of C3.				-
	Steel and all other elements used to secure the position, covering elements and thermal and waterproof protection materials around openings are integral to the position.				-
	Inside, place a protective net made of stainless steel with a mesh of1mm.				-

	Installation must be carried out according to the workshop details prepared by the Contractor according to the dimensions of the site location.				-
	Details must be approved by the responsible designer and regulator. Follow all recommendations of the profile manufacturer when creating and assembling the position. The contractor is obliged to follow the ENStandard submission of supporting documents.				-
	Calculated by piece.				-
					-
	mark on the square Z1				-
	fixed shutters				-
	masonry measurement 65/60centimeter	com	3.00	7300	21,900.00
					-
07.07.	shutters				-
	Fixed Facade Louver Types Hounter Douglas Sun Louvre System 70S, Laminationthe hue of NOIR 2100 Sablé,YW359F.				-
	The system includes: -Aluminum"Z"slats made of alproduction. Plasticized board d=0.6mm -The vertical supports, used for fixing, are also given a plasticized finish in the shade chosen by the designer.				-
	attaches to the vertical bracket without screws.				-
	Vertical supports are fixed to the wall by cantilever supports (anchors) of the required length.				-
	determine the installation method with the workshop drawings, and is obliged to obtain the agreement of the customer and the designer.				-
	Calculated by piece.				-
					-
	mark in a square Z2				-
	fixed shutters				-
	masonry size 310/70cm	com	2.00	49300	98,600.00
					-
	mark in a square Z3				-
	fixed shutters				-
	masonry size 410/70cm	com	2.00	47000	94,000.00
					-
	mark on the square Z4				-
	fixed shutters				-
	masonry size 500/70cm	com	3.00	82000	246,000.00
					-
	mark on the square ¥5				-
	fixed shutters				-
	masonry size 700/70cm	com	2.00	11500	23,000.00
					-
	mark on the square Z6				-
	fixed shutters				-

	885/70centimeter	com	1.00	145500	145,500.00
					-

07.08.	Procurement and installation of metal for leaving attic spaces pphatch.				-
	They include: -structure -frame by 50/80mm box profiles, fixed to the ceiling -build -frame by 80/80mm box profiles, covered with steel plates.				-
	Supplied with hinged lid for easy opening as shown. All steel components should be protected from corrosion with a primer and finished with NOIR 2100 Sablé, YW359FTwice the tint of metallic paint.				-
	laboratories, with a fire resistance time of 60minute. The manufacturer is obliged to define the method of installation using shop drawings and according to SRPS U.J1.160Submit a fire resistance certificate.				-
	Calculated by piece.				-
					-
	mark in double square P1				-
	Metal ppbuild - 60minute				-
	masonry measurement 80/80centimeter	com	1.00	15200	15,200.00
					-
07.09.	Procurement and installation of channel metal covers.				-
	steel sheet,d=5mm. it is placed by 40/40/4mmIn a frame made of steel profiles. Anchoring the frame to the reinforced concrete wall of the channel (via Iprofiles).				-
	galvanizing. Equipped with a hook for the cover, the cover can be removed from the frame.				-
	All steel elements should be protected against corrosion with a base paint and finished with a tint of RAL 9007 - Graual luminiumThe metal paints twice.				-
	determine the installation method with the workshop drawings, and is obliged to obtain the agreement of the customer and the designer.				-
	Calculated by piece.				-

					-
	mark in double square P2				-
	channel metal cover				-
	masonry size 61/30centimeter	com	11.00	11,740.00	129,140.00
					-
	mark in double square P3				-
	channel metal cover				-
	masonry size 50/30cm	com	1.00	9,392.00	9,392.00
					-
07.10	Procure and Install MetalppDouble doors.				-
	Metal double doors, certified by domestic laboratories, with 60minute fire resistance.				-
	door leaf NOIR 2100 Sablé, YW359FColor painted steel finish. Doors are opened manually with an anti-panic lock and spring closing mechanism.				-
	the method of installation using shop drawings and according to SRPS U.J1.160Submit a fire resistance certificate.				-
	Calculated by piece.				-
					-
	mark in octagon 1				-
	double doorpp-60min				-
	160/230centimeter	com	1.00	########	216,000.00
					-
07.11.	corrugated steel plated=5+1mmProcurement and installation of metal manhole covers. made of steel profiles L50.50.5frame made of every 25cm fixed in primary concrete with at least 2piece.				-
	Cover structure made of steel profiles L 40.40.4production. Welded to ribs from below.				-
	should pass a flat iron 40.40.4Welding to strengthen. Sheet stiffness is minimal. Each cover has 2ribs, providing two Ø10mmRound iron handle.				-
	Corrosion protection——Hot-dip galvanized.				-
	Final color is at the designer's discretion RAL 9007 Graualuninium				-

					-
	determine the installation method with the workshop drawings, and is obliged to obtain the agreement of the customer and the designer.				-
	Calculated by piece.				-
					-
	mark in double square P4				-
	channel metal cover				-
	masonry measurement 70/70centimeter	com	1.00	29350	29,350.00
					-
07.12.	wing windows -The shutters are made of aluminum profiles with thermal insulation, type ALUMILor similar products. Laminate uses NOIR 2100 Sablé, YW359Ftone. The installation of the windows is done using steel and aluminum brackets. All steel elements must be hot-dip galvanized with a corrosion protection rating of C3.				-
	on"RAL"Assembled systems are carried out, and it is mandatory to use the manufacturer"WURTH"or similar products"VKP triotraka"adhesive tape. Steel and all other elements used to secure the position, covering elements and thermal and waterproof protection materials around openings are integral				-
	Steel and all other elements used to secure the position, covering elements and thermal and waterproof protection materials around openings are integral to the position.				-
	is"sandwich board"(aluminum plate+rock wool+Aluminum sheet, total thickness is5centimeter). Open according to the plan, around the vertical axis180%%D. Provides a mechanism for windows to prevent accidental closing, i.e. keeps the window in a permanent open position - Windows are closed by authorized personnel according to technical				-
	Hardware is a system of type STUBLINA, FAPIMor similar, the shape and color are chosen by the designer.				-

					-
	according to the workshop details prepared by the Contractor according to the dimensions of the site location. Details must be approved by the responsible designer and regulator. Follow all recommendations of the profile manufacturer when creating and assembling the position. The contractor is obliged to follow the ENStandard submission of supporting documents.				-
	Calculated by piece.				-
					-
	mark in a square K				-
	full wing cover				-
	masonry measurement 65/60centimeter	com	3.00	11740	35,220.00
					-
07.13.	around buildings.				-
	Lattice Fence Panel Types"LEGI				-
	RM"is of size 2230x2540mm.				-
	panel consists of double				-
	Thickness is 7mm horizontal line,				-
	The vertical thickness is 5 mm,and				-
	8mmthick end wires due to				-
	Extra reinforcement with columns.				-
	panels are fabricated as axial				-
	frame size 50x200mm. this is a panel				-
	galvanized				-
	1461and plasticizing, color RAL 7016				-
	-Anthracite grey.				-
	LEGI "R-PUR"fence post				-
	high 2230mm. pillar is total				-
	column is				-
	between				-
	listed as2500mm.				-
	openings on pillars				-
	fixed grid panel				-
	Fence through chrome hooks and				-
	column				-
	closed with a plastic cover, while				-
	plastic on top of the post				-
	cap.				-
	Fence posts are hot dipped galvanized				-
	according to DIN EN ISO 1461and				-
	plasticizing, color RAL 7016-				-
	Anthracite grey.				-

					-
	according to the workshop details prepared by the Contractor according to the dimensions of the site location. Details must be approved by the				-
	Calculations are made per square meter of fence installed and completed.	rice¹	68.00	33250	2,261,000.00
					-
07.14.	Procurement of materials, production and installation of protection, metal, sliding doors LEGIhigh2.00m, optical port3.00m, total length4.00m.				-
	The door frame is made of 80x40x3mmprofile made, filled with LEGI "RS"panel, wire thickness is 8/8/6, the axial dimension is 50x200mm. The gate supports are"P"profiles, using80x60x3mmprofiles made.				-
	100x100x4mm. All posts have feet. The complete door includes: door leaf,"P"column - 3a, support column - 1a, casters - 2, galvanized rails, receivers, stoppers, locks, door handles, handles, chrome formed gates on the upper profile.				-
	door according DIN EN ISO 1461hot-dip galvanized and plasticized, color RAL 7016-Anthracite grey.				-
	Motorization of sliding doors:				-
	motor LEGI S2-1500 230V,power 550W,1400 rpm, suitable for intensive use and heavy 1500kgdoor with: toothed pvcRods, photocells, signal lights, 2A remote control, antenna, manual key to unlock.				-
	temperature-45/+65. opening speed12m/min. According to the manufacturer's details and instructions, the door 45h/50h50cmA concrete foundation is an integral part of the				-

					-
	Installation must be carried out according to the workshop details prepared by the Contractor according to the dimensions of the site location. Details must be approved by the responsible designer and regulator.				-
	Calculate the foundation for each installed and final machined location.				-
					-
	mark in double square K3				-
	sliding door				-
	size 400/220cm	com	1.00	484500	484,500.00
					-
7moon 15da	Procurement and installation of Gates by Type "VARIO M", or an equivalent product				-
					-
	The frame of the gate is made of profiles				-
	fill				-
	Thick with line 8/8/6mmand axis				-
	frame size is 50x200mm.				-
	goal post for 60x60x3mmprofiles				-
	(longer than door height 600mm due to				-
	dimensions				-
	40x40x60centimeter).				-
	accessories:				-
	with hinge ,Cylindrical				-
	use 3Lock the key, lock the handle,				-
	receiver. The gate is hot-dip galvanized				-
	according to DIN EN ISO 1461and				-
	plasticizing, color RAL 7016-				-
	Anthracite grey.				-
	Installation must follow				-
	Detail of the workshop he made				-
	contractor, based on size				-
	The position taken on the spot.				-
	Details must be approved				-
	by the responsible designer and				-
	Regulatory Authority.				-
	During job creation and assembly				-
	follow all recommendations				-
	Profile manufacturer.				-
	Built-in and final calculations per piece				-
	Processed doors with foundations.				-

					-
	mark in double square K1				-
	pedestrian gate				-
	Double sidewalk gate dimmed 200/220cm	com	1.00	########	294,500.00
					-
	mark in double square K2				-
	Single sidewalk gate dimmed 100/220cm	com	1.00	########	185,250.00
					-
07.16.	Procurement of materials and installation of marble slabs for use in batteries and ssThe transmission cable between the rooms, ie the tk factory.				-
	installed in an opening in a solid brick wall d=25cmand d=12cm. Installation in masonry is done with steel brackets. All steel elements must be hot-dip galvanized with a corrosion protection rating of c3. After installation, the formwork was treated and all steel members were completely covered with mortar.				-
	The plate is designed to drill the necessary openings for conductive connections in the field. Protect cable entry points with fire-resistant sealant, according to prescribed standards srps u.j1.090Certified, Fire Resistant 90minute				-
	Installation must be carried out in agreement with the Electrical Installation Designer and the Regulatory Authority, according to the dimensions of the site location, according to the shop details				-
	Calculated by piece.				-
					-
	mark in rectangle m				-
	Marble slabs for laying cables				-
	masonry measurement 60/40centimeter	com	3.00	42750	128,250.00
					-
8	**Tin factory**				-
					-
08.01.	Procurement of the material and covering of the roof with galvanized steel sheets of thickness d = 0.8 mm, finished plasticized in the shade chosen by the designer, on a wooden base with roofing adhesive (calculated separately).				-
	Covering the roof with all stylish elements for rain protection, typical elements for roof ventilation, snowboards and rain protection for penetrating the roof, etc. Laminate in designer chosen shades.				-
	Calculated per square meter, measured	square meter	308.73	2900	895,317.00

					-
08.02.	Material procurement, production and assembly of plasticized steel plate samples with thickness d=0.6mm.				-
	The samples were pulled under the roof covering and attached to the gutters with double reverse seams. The unfolded width is about 35cm. Plasticizing in shades chosen by the designer.				-
	Calculated in square meters.				-
					-
	=27.24*2+11.34*2	m¹	77.16	2853	220,123.59
					-
08.03.	production				-
	gutters				-
	vertical field. it is from				-
	Plastic sheet, d=0.6 mm.				-
	substructure				-
	15/10 cm.				-
	Attach gutters with pop thread and glue				-
	silicone. Handle everything in detail.				-
	Laminated in the tone of your choice				-
	designer.				-
	Calculated per m¹ of installed gutters.				-
					-
	=27.24*2+11.34*2	m¹	77.16	3170	244,581.77
					-
08.04.	Material procurement, production and installation Ø 100mm gutter risers made of galvanized steel sheet with a thickness of d=0.6mm, plasticized in a tone chosen by the designer.				-
	Insert the sections of the gutter pipe into each other by at least 50 mm and glue with Barsil. Place the clip with stand at a distance of 200 cm. Place decorative plasticized strips on the jig.				-
	Plasticizing in shades chosen by the designer. Handle everything in detail. Detailing complete with gutter pipes.				-
	Calculated in square meters.				-
					-
	gutter vertical Ø 100mm,				-
	=4.05*4	m¹	16.20	2536	41,080.6
					-
8.05	Procurement of materials, construction and roof snowboarding.				-
	The skis are linear, 70 cm long and attached to steel profiles. They are made of steel plate, d=0.8mm.				-

	Coverage shall be carried out according to the project, details and designer's instructions. Laminated tint RAL 9007 - Graualuminium.				
	Calculated per snowboard installed.	com	58.00	6340	367,696.8(
					-
08.06.	installation of cisterns at the junction of horizontal and vertical rainwater distribution.				
	The tank is made of galvanized steel, plastified sheet, the dimensions are according to the details.				-
	Plasticizing in shades chosen by the designer. Size to detail.				-
	Built-in water tank calculation per piece.	com	2.00	12679	25,358.4(
					-
Total Sheet Metal Works:					-
					-
09.00.	**Ceramic works**				-
09.01.	Sourcing materials and laying flooring Non-slip ceramic grade "A" flooring, laid on a suitable substrate, feels good to the touch.				-
	All installed floor ceramics must be glazed and non-slip. The size and arrangement of the ceramics are according to the designer's choice. Laying flat, pour the tiles with grout.				-
	Calculated per square meter of coated floor with underlayment.				-
					-
	Tile d=1 cm on glue, floor marked PT2				-
	=21.71+37.71+2.35+111.38+2.25+17.62	square meter	193.02	4900	945,798.00
10	**Bachelor thesis**				-
10.01	Procurement of materials and application of leveling compound on the floor. Clean the substrate and apply leveling compound for a strong,				-
	The applied mass must have the required pressure resistance. Sand the substrate and seal it.				-
	area per square meter.	meter	39.03	2340	91,330.20
10.03.	Procurement, installation, 2 mm thick homogeneous vinyl floor covering, type Tarkett iQ Granit SD or similar,				-

	Among them must have the following properties: Wear resistance class P with PUR protection, fire protection class Bfl-s1 (according to EN 13501-1), weight up to 2800g/m2, class 34-43, slip resistance class R9, with class A cleanroom test , with a drum size of 2x23 m, does not support the development of mold and fungus and is carried out on a pre-				-
	Dry finishing of vinyl substrates, bonded to the floor with a dispersed eco-adhesive - electrode welded seams with the color of the floor covering chosen. After soldering, bring the joints to the desired level with the floor. The joints between the floor and the wall shall be made using circular elastic anchors with				-
	manufacturer's specifications and instructions.				-
	calculated holkel				-
					-
	=39.03*1.1	meter	42.93	9200	394,983.60
					-
10.04	Procurement of materials and production of cast terrazzo floors and stairs with a thickness of d=3 cm.				-
	Clean and wash the substrate of the lower layer (soil), then apply a layer of MB 15, 3 cm thick minimum brand				-
	The resulting base must be sufficiently flat and rough, grooved if necessary (if the terrazzo is not immediately poured).				-
	Terrazzo is made of cement, crushed aggregate and water in a ratio of 1:2.5. The agglomerates are dry mixed with cubic aggregate granules up to 8mm, then water is added.				-
	Pour the terrazzo mixture over the substrate, compact well, and roll flat. Protect the final layer of clay from trampling, drafts, sunlight, and moisten with water if necessary, until dry.				-

	At least 7 days after pouring, sand the floor with coarse sandpaper until the surface of the aggregate is clean, then				
	Fill visible holes, trenches, etc. with a putty made of cement and marble powder. Three days later, after the putty has hardened, sand it with sandpaper of different finenesses until the surface is smooth and even with uniform luster.				
	If holes or grooves appear, repeat the entire process. After finishing the finest sanding, wash the floor twice with detergent-added water and allow to dry.				-
	After drying, apply a gasoline solution of linseed oil or wax to the terrazzo and polish it with a cloth.				-
	Calculate forehead width i per m¹				-
	meter.				-
					-
	Step 14/30cm, tread d=3cm,				-
	=5.42+7.65+10.28+2.1	m¹	25.45	2940	74,823.00
					-
	Step 14/30 cm, pedal d=3cm, front d=2cm				-
	=2*(5.42+7.65+10.28+2.1)	m¹	50.90	2633	133,994.25
					-
	Adjustment				-
	=0.55*(4.82+7.05+9.68+1.5)	square meters	12.68	5265	66,747.04
					-
Total number of sub-course papers:					-
					-
11	**Artwork**				-
11.01	Purchasing materials and painting wallsi				-
	Ceilings with disperse paint, u				-
	Tons of options in designer.				-
	were				-
	leveling preparation				-
	with an iron.				-
	applied to such a base				-
	the proper quality of ironing, then				-
	color.				-
	The paint should be highly resistant to				-
	For abrasion-resistant and smooth films				-
	Prevent dust from accumulating.				-
	Calculation per square meter				-
	wall				-
	=3.54*(11.86+12.3)-(1.6*2.9*2-3.0*2)	square meter	82.25	819	67,359.80
					-
	ceiling	square meter	255.81	864	221,019.84

11.02	The final finish of the interior walls for exterior paints is based on silicates (parodifusive exterior paints), ie. Mineral coating based on water glass, waterproof and highly permeable to water vapor and CO2, type Baumit Silicate Color, or similar.				-
	The paint is applied in two coats, the first coat diluted with 10-15% clear water (over the entire surface), the second coat diluted up to 5%. Coloring is in shades chosen by the designer.				-
	Paint everywhere according to manufacturer's specifications and make all necessary wall preparation and				-
	Calculated per square meter.				-
					-
	wall				-
	=3.54*(35.5+19.1+25.6+51.55+16.9)-(1.68*2.3*3+1.68*2.9+1.6*2.3-3.0*5)	square meter	521.08	930	484,601.61
					-
Total paintings:					-
					-
12	**Curtain Wall Project**				-
12.01.	Facade Tubular Scaffolding Installation				-
	around the object.				-
	scaffolding				-
	(statically computed) elements,				-
	Secure them and ground them.				-
	contractor.				-
	Calculated per square meter.				-
					-
	=4.45*(28.84+12.79)*2	square meter	370.51	400	148,202.80
					-
12.02.	Procurement of material and facade wallwork using hollow clinker facade bricks, NF format (240x71x115 mm), type I with extended lime cement mortar in a ratio of 1:1:6 and pre-moistened.				-
	Clinker facade tiles in designer's chosen shade (Riversdale, Victoria or similar).				-
	For masonry, use full bricks with straight cut edges in half. The connectors are made using square or round iron rods, the cross section of which corresponds to the thickness of the connector 1mm.				-

	five rows, at 50 cm, alternately separate the fasteners of the curtains from the inner walls of the facade cladding. The brick facade cladding must be anchored to the structural wall with 3-4 mm thick stainless steel wire anchors at a distance of 100 cm horizontally and 50 cm vertically.				-
	A cantilever support system is provided to support the façade bricks, made of stainless steel, all according to the details of the project. Along the edges and openings of the facade, anchors are placed at a distance of 40 cm. At the openings, stainless steel profiles are provided according to the details of the project.				-
	mortar does not leak. The joints were treated with a 1:2 ratio cement mortar, and the countersunk joints were in a dark shade chosen by the designer. The price includes grouting.				-
					-
	square meter.				-
					-
	=3.9*(27.06+11.16)*2-(1.6*2.3*6+1.6*0.6*3+2.0*0.6*6+0, 6*0.6*2+1.0*2.3*2+0.9*2.3+2.67* 2.1*2)	square meter	247.35	10000	2,473,520.00
					-
12.03.	Procurement of materials and cladding				-
	Facade wall in the cerclage area				-
	(240x71x14mm).				-
	Put the strips in the mortar				-
	Thickness d=1cm. Handle joints				-
	1:2 cement mortar, gray				-
	Dark shades chosen by designers.				-
	of the marble tile				-
	In the tone chosen by the designer.				-
	The price includes grouting.				-
	square meter.				-
					-
	5*2)	square meter	4.14	8300	34,360.34
					-
12.04.	production				-
	Polluted and water-absorbing facades				-
	Colorless silicone coating.				-
	Calculated per square meter.				-
					-
	=3.9*(27.06+11.16)*2-(1.6*2.3*6+1.6*0.6*3+2.0*0.6*6+0, 6*0.6*2+1.0*2.3*2+0.9*2.3+2.67* 2.1*2)	square meter	247.35	330	81,626.16
					-

12.05	Material procurement and final processing				
	thin layer decorative base				
	"Kulirplast" type mortar or				
	Appropriate, in the tone of your choice				
	designer.				
	All aspects of work specifications				
	manufacturer.				
	Calculated per square meter.				
	=0.15*(0.5+6.98+2.1+11.16+3.38+21.58 +1.08+4.65)	square meter	7.71	1680	12,960.3
12.06.	Material procurement and installation				
	ALUKOBOND Type Composite Panel-				
	Cladding on the facade.				
	The panel consists of two aluminum				
	polyethylene				
	Core, total thickness 4mm.				
	The outside of the panel must be				
	protected by a film with a large				
	UV rays				
	radiation. color outside the panel				
	At the designer's choice.				
	panels				
	buildings				
	Delivered in ready-to-cartridge form.				
	Tape adheres to concrete or steel				
	mounted on substructure				
	fixed aluminum box				
	Appropriate anchors.				
	boxes must				
	system				
	Dark gray EPDM sealing strip				
	color, except for partial prophylaxis				
	water and dirt seeping into the joints,				
	visually hide substructures and				
	Box connection elements with				
	substructure.				
	includes the purchase and				
	delivery of complete originals				
	Materials with substructures from				
	Standard offer and cladding installed.				
	=(0.75+0.22)*2*(27.84+11.94)*2	square meter	154.35	11480	1,771,896.6

	Under the countertop on the right, install a cassette for the computer case, made of plywood with a thickness of 10 mm. The connection between the table top and the structure adopts machine head				-
	Provide an opening for the cables on the bench. There is a table with a sliding shelf under the workbench for the keyboard. The color of the University				-
	Manufacturers are obliged to make workshop drawings and obtain approval from designers and customers.				-
	Each piece is calculated for the				-
					-
	table				-
	Name S2	com	2.00	67,500.00	135,000.00
					-
14.02.	and installation of a wardrobe wall measuring 65x1x150cm.				-
	The closet rock is designed as 10 mm thick plywood, fixed to the wall by screws and covered with a cover where the holes are drilled in the plank.				-
	Edge the board with ABS tape. A hanger made of stainless steel - inox Č4580 (AISI 304) is fastened to the plate as a wire basket for storing umbrellas. The color of the University board is according				-
	Manufacturers are obliged to make workshop drawings and obtain approval from designers and customers.				-
	space.				-
					-
	closet rock				-
	Mark G	com	2.00	3000	6,000.00
					-
14.03.	Procurement and shipping of a chair with a computer desk measuring 45x55cm				-
	The structure of the chair is made of metal with rubber or PVC feet.			67500	-
	Seat and backrest upholstered in fabric.				-
	Designer's choice of color.				-
	Calculated by piece.				-
					-
	Computer desk and chair				-
	name ST2	com	2.00	12000	24,000.00

1	Ground work				443,022.1
2	Concrete and Reinforced Concrete Works				8,201,780.5
3	Reinforcement works				4,618,722.9
4	Masonry				3,811,381.1
5	Carpentry				1,974,893.4
6	Insulation project				3,431,270.75
7	Aluminum and Locksmith Works				5,580,452.00
8	Tin factory				1,794,158.17
9	Ceramic works				945,798.00
10	Bachelor thesis				761,878.09
11	Artwork				772,981.25
12	Curtain Wall Project				4,522,566.33
13	Miscellaneous works				2,134,729.66
14	Furniture manager				165,000.00
Total dinar:					39,158,634.37

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ВОДОПРИВРЕДНО ПРИВРЕДНО ДРУШТВО ДОО СА ОГРАНИЧЕНОМ ОДГОВОРНОШЋУ СМЕДЕРЕВО

ВОДОПРИВРЕДНО ПРИВРЕДНО ДРУШТВО ДОО СА ОГРАНИЧЕНОМ ОДГОВОРНОШЋУ СМЕДЕРЕВО

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